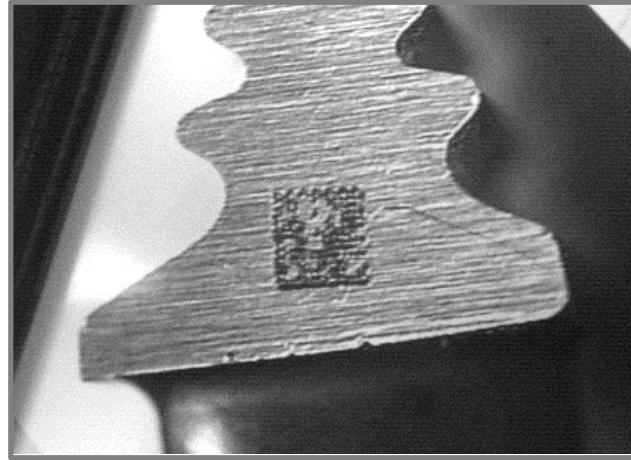




# OVERVIEW OF THE U.S. ARMY UNIQUE IDENTIFICATION (UID) IMPLEMENTATION STRATEGY



**UID SUMMIT  
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# AGENDA

- Concept of Operations
- Life Cycle Managers/Depots
- Contractor Single Process Initiatives (SPI)
- AIS Integration
- Challenges



# CONCEPT OF OPERATIONS

## Spiral Development Process:

- Include UID policy in overarching Army Regulation (AR) on Automatic Identification Technology (AIT)
- Develop scenarios describing how UID will be used operationally
- Identify target business processes, e.g., UID supports serial number tracking (SNT)
- Identify stakeholder responsibilities (all classes of supply, all Army communities)
- Training
- Issue support plans and prioritized marking schedule
- Require suppliers to mark items prior to delivery; mark legacy items as rapidly as possible
- Identify and institutionalize metrics and performance measures for UID
- Work with other Services, defense agencies, and industry to resolve common issues and evaluate success
- UID part of program reviews
- Maintain outreach program

**- THINGS ARMY NEEDS TO DO -**



# LIFE CYCLE MANAGERS/DEPOTS

- Lifecycle management processes will be primary beneficiaries of UID
- Only approved activities will mark legacy items
- Capturing the movement of an individual UID through its lifecycle has potential to quantify system performance
- Design activities define marking requirements.
- Technical data packages will ensure future buys or repair contracts contain marking and reporting requirements – as appropriate
- Optimizing benefits of UID requires a multi-functional approach
- UID supports replacement of some contact memory buttons (CMB) applications with data matrix markings
- UID pilots are underway in Army



# CONTRACTOR SINGLE PROCESS INITIATIVES (SPI)

- Commercial outreach program during transition period is critical to success
  - Outreach program helps suppliers align internal corporate and business unit policies and pricing to accommodate UID
  - Suppliers starting to recognize UID provides business efficiencies and competitive advantage
  - Major costs are non-recurring engineering work, software changes, and technology investment – not part marking
- Joint operations require "Best Value Analysis" to standardize marking methods
- Army will assist Defense Contract Management Agency (DCMA) with development of guidelines related to mark quality and permanency
- Army helped develop National Defense Industrial Association (NDIA) training syllabus
- Army participates on the Joint Aeronautical Commanders' Group (JACG) UID Working Group



# AUTOMATED INFORMATION SYSTEM (AIS) INTEGRATION

- System-wide benefits of UID depend on information exchange through AIS; connecting Army logisticians is top priority
- Future systems will incorporate UID data and support evolving policies and Joint system integration
- Current Army Standard Army Management Information Systems (STAMIS):
  - Cease operation once ERP solution fully fielded
  - OSD requires return on investment (ROI) for system upgrades over \$1M
  - ROI validation difficult before legacy system shutdown
- UID requirements will be included in Army's Enterprise Resource Planning (ERP) software baseline capability
- The sharing of UID data between Services requires standardized business practices, data syntax, and format
- UID enables the link between the product and install dates, removal dates, and decisions to repair or replace broken items
- UID requirements are included in Army Working Capital Fund (AWCF) POM FY06 - FY11



# CHALLENGES

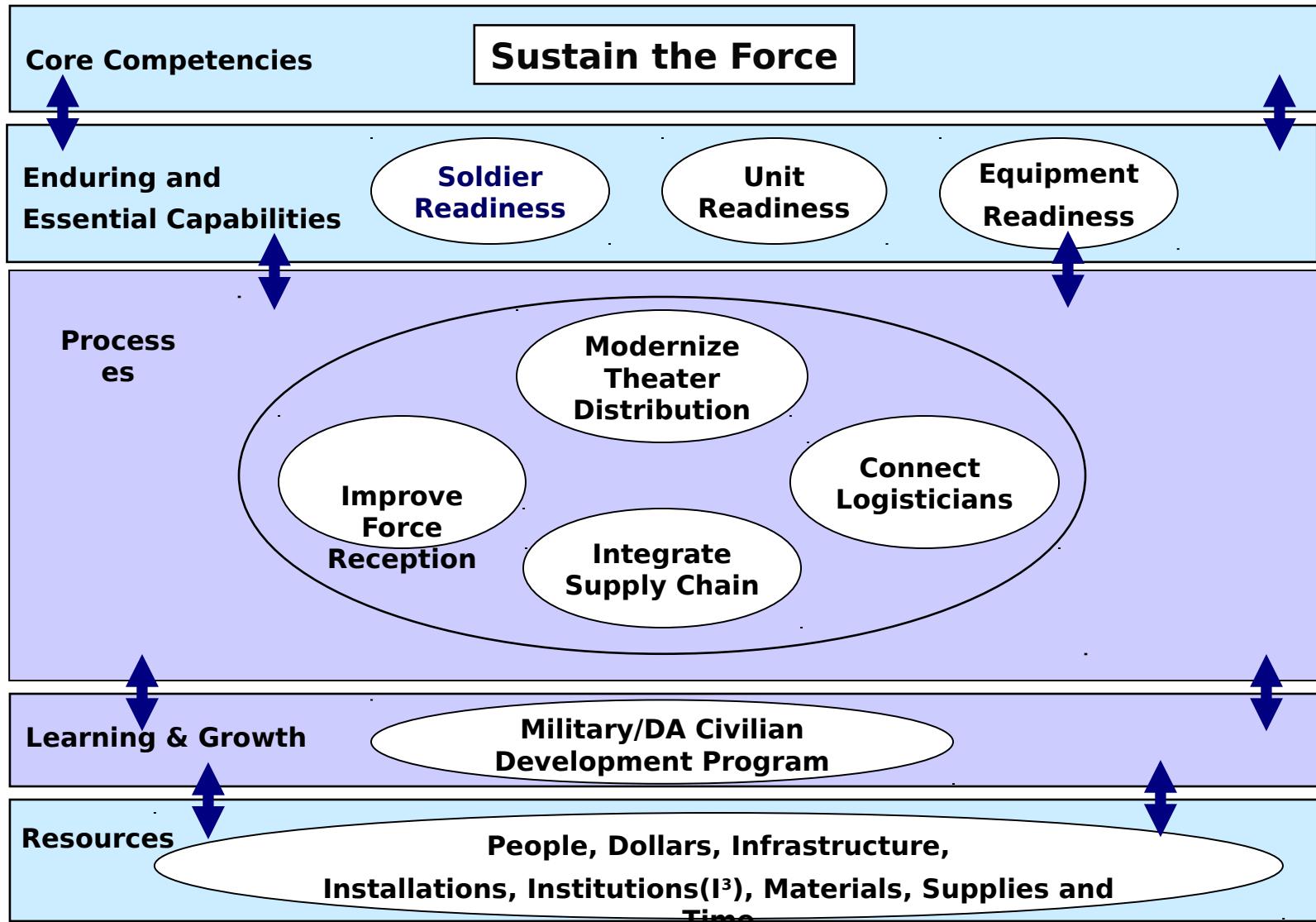
- Life Cycle Management Commands (LCMC) and Program Executive Offices (PEO) must act in concert to promote data interoperability and equipment standardization
- Need consistent approach for marking items whose cost cycles above and below \$5K UID threshold
- Packaging requirements – including passive RFID - need more definition
- Potential for uneven implementation across Army communities and Joint arena
- UID requirements and “Best Business Practices” must be incorporated into the Single Army Logistics Enterprise (SALE)
- UID may affect contract price and schedule
- Current and future Army networks must be scaled to accommodate pervasive use of UID
- **Major challenge is to define best use of UID data to support transformation of Army logistics processes - marking items is not enough**



# BACK-UP SLIDES



# G4 Strategy Map





# Army FOCUS

**SPEED  
&  
PRECISION**

## CRITICAL TO SUCCESS

- Our Commitment
- Joint Integration
- Policy
- Modernization
- Refined Doctrine
- New Force Structure

## **“CONNECT” OUR LOGISTICIANS**

- ✓ Agile, Assured, 24 / 7 Data Capability into the Enterprise
- ✓ Plug / Un-plug as Required
- ✓ Enable “Sense and Respond” Logistics
- ✓ Include Log, Per, Med & Eng (Operational Sustainment)

## **MODERNIZE THEATER DISTRIBUTION**

- ✓ Single Proponent
- ✓ Enable Control With 100% Visibility
- ✓ Single Doctrine, Force Structure & Training

## **IMPROVE FORCE RECEPTION**

- ✓ APOD / SPOD; Distribution; Life Support
- ✓ Strategic Connectivity - Theater Log C2 Node
- ✓ Embedded Sustainment Capability
- ✓ Life Support - Division in 5 Days

*Delivering Materiel Readiness*